



ENVIRONMENTAL SERVICES DEPARTMENT

Air Quality Division

1001 North Central Avenue, Suite 201

Phoenix, Arizona 85004

(602) 506-6010

(602) 506-6179 (FAX)

NOTICE OF PUBLIC WORKSHOPS / HEARINGS Second Quarter 2001

Maricopa County Environmental Services Department, Air Quality Division, will conduct Public Workshops and Public Hearings regarding the Maricopa County Air Pollution Control Regulations according to the schedule provided in this notice. If the information in this notice changes, the change(s) will be announced on the Internet (at the web site address listed below) and on Maricopa County's Workshop Update Line (listed below).

All **Workshops** will be held at 1001 North Central Avenue, Phoenix, Arizona, **Room 560** unless otherwise noted. Draft rules may be picked up at 1001 North Central Avenue, **Suite #201**, Phoenix, Arizona, or on the web at <http://www.maricopa.gov/envsvc/air/workshops.asp>.

For current information on workshop times and locations, call our Workshop Update Line at **(602) 506-0169**. For questions or additional information, call the contact person listed or **(602) 506-6794**.

Public Hearings are held at: Maricopa County Board of Supervisors' Auditorium
205 West Jefferson Street, Phoenix, Arizona

For rules going to public hearing, a summary of the proposed action, a summary of comments and departmental responses and a demonstration of compliance with A.R.S. 49 Subpart 112 A or 112 B will be available along with the draft rules at 1001 North Central Avenue, **Suite #201**, Phoenix, Arizona.

Rules are effective as of the date of approval by the Board of Supervisors unless an effective date for certain revisions is otherwise noted within the text of the rule.

A sign language interpreter, alternative form materials, or infrared assistive listening devices will be made available at the Public Workshops and Hearings upon request with 72 hours notice. Additional reasonable accommodations will be made available to the extent possible within the time frame of the request. Requests should be made to (602) 506-6794.

Maricopa County Air Quality Division Rule Writer Contacts:

Name	Phone	Email
Crumbaker , Jo (Manager)	(602) 506-6705	jcrumbak@mail.maricopa.gov
Kuspert , Johanna	(602) 506-6710	jkuspert@mail.maricopa.gov
Kramer-Howe , Rick	(602) 506-6706	rkramer@mail.maricopa.gov
Nelson , Patricia	(602) 506-6709	pnelson@mail.maricopa.gov
Romesburg , Dee (Admin.)	(602) 506-6794	dromesbu@mail.maricopa.gov

**April - June 2001
PUBLIC WORKSHOPS**

RULE/TITLE	DRAFT AVAILABLE	WORKSHOP DATE	TIME	COMMENTS DUE	CONTACT
358, Foam Expansion (New)	4/19/01	5/3/01	1:30 PM	5/18/01	Kramer-Howe
140, Excess Emissions	5/3/01	5/17/01	9:00 AM	6/1/01	Kuspert
324, Stationary Internal Combustion Engines (New)	6/7/01	6/21/01	9:00 AM	7/6/01	Nelson
Title V Corrective Action: Rules 100 (General Provisions & Definitions), 200 (Permit Requirements), 210 (Title V Permit Provisions), Appendix D (Insignificant Activities) & Appendix E (Trivial Activities)	6/7/01	6/21/01	1:30 PM	7/6/01	Kuspert

PUBLIC HEARINGS

There are no Public Hearings scheduled for the 2nd Quarter.

Public Workshops and Hearings are subject to change. Please call 602-506-0169 or go to <http://www.maricopa.gov/envsvc/air/workshops.asp> for updates.

REVISIONS TO BE DISCUSSED AT PUBLIC WORKSHOPS:

Rule 140 (Excess Emissions)

Maricopa County is proposing to revise Rule 140 to match revisions that the Arizona Department of Environmental Quality (ADEQ) made to its affirmative defense provisions for excess emissions in R18-2-310. Revisions to Rule 140 will clarify procedures and the criteria under which a source may obtain an affirmative defense if the source exceeds applicable emission limitations due to malfunction, startup, and shutdown.

New Rule 324 (Stationary Internal Combustion Engines)

Maricopa County currently does not have a rule that addresses emissions from stationary internal combustion engines. There is only a reference in Rule 200 that requires a permit for engines over 250 horsepower. Rule 324 will apply to spark ignition or compression ignition engines over 250 horsepower and to a combination of engines used in the same process at one source that were manufactured on or after July 13, 1988. Rule 324 will set emission limits for nitrogen oxide, particulate matter and carbon monoxide from these engines and also set a 0.05% sulfur limit in fuel oil. The emission limits will vary based upon whether the engine is a new or existing engine. There will be exemptions for different types of engines, such as military tactical equipment, gas turbines, portable engines, engines used in agricultural operations, fire-fighting, flood control, emergency generators that operate less than 500 hours per year and also have the potential to emit less than 4,000 pounds of nitrogen oxide or carbon monoxide per year, and those engines used exclusively for research and testing purposes or for the advancement of engine performance. There will be different compliance schedule scenarios for existing, new, and modified or retrofitted engines.

New Rule 358 (Foam Expansion)

Section 182(a)(2)(A) of the Clean Air Act requires that Reasonably Available Control Technology (RACT) be applied in nonattainment areas at each source of criteria pollutant that has the potential to be a "major source" of that pollutant. Historically, 4 of the 5 companies in Maricopa County that make expanded polystyrene (foam) products each emitted over 50 tons of volatile organic compounds (VOC) in a year. When an ozone nonattainment area like Maricopa County is reclassified by EPA to "serious", a "major source" becomes any facility with the potential to emit 50 tons (or more) of VOC in a year. VOC is a principal precursor of ozone.

When there are multiple major sources of VOC from the same type of industry within the Maricopa County nonattainment area, the County must develop a rule to regulate that industry. For this reason, Rule 358 is being developed to regulate the makers of polystyrene foam. Maricopa County researches control options and, guided by this information, constructs a rule that sets forth RACT for the industry.

The affected facilities emit VOC in the process of making rigid foam products by "expanding" tiny polystyrene beads that are made with 3-6% pentane dissolved in them. The pentane is a VOC that expands under heat so as to puff up a solid polymer into a foam riddled with millions of microscopic voids. Pentane continuously escapes as a gaseous VOC emission throughout the various steps in making a foam product and continuing for weeks afterward.

Maricopa County is proposing to incorporate control methods in Rule 358 that are used in other air pollution control districts in EPA Region IX. These methods include using the pentane escaping during the foam-making process as fuel in the steam boiler that supplies the heat used to expand the beads and mold the finished product. One of the existing foam makers and its parent company have pioneered the manufacture of foam products mostly using beads that only have 60% as much pentane as traditional beads. The Division intends to integrate the use of lowered-VOC products into the control options offered by Rule 358.